

PATENT

Serial No. 10/527,119

Amendment in Reply to Office Action mailed on November 18, 2005

IN THE SPECIFICATION

Please amend the specification as follows:

Replace the paragraph spanning pages 4-5, between page 4, line 29, and page 5, line 4 of the specification with the following:

Fig.13 shows in more detail a motor driver 65 used in the apparatus shown in Fig.1 This Fig shows the windings L1, L2 and L3 of the motor 50. These windings generate a field for rotating the rotor 100. A supply generator 102 included in the motor driver 65, via a ~~commuting~~ commutating unit 104, supplies these windings. The windings can generate a north or a south pole in the magnetic part of the rotor 100, depending on the direction of the current. To get the motor rotating, the windings should be driven in the following way:

Replace the paragraph on page 5, between lines 16-25 of the specification with the following:

According to an aspect of the invention, during an initiation phase it is proposed to store in a memory 106 the positions of the

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marks measured by a mark detector measurer 107. This is done by applying the sinusoidal currents with a  $360/(\text{number of windings})$  phase shift to the windings. The motor then rotates, and the marks can be detected, and the position can be stored in said memory 106. A switch 109 set in position I provides a path from the measurer 107 to this memory 106. During the working phase, the stored data are compared by a comparator 110, the switch 110 being set in position II. The result of the comparison acts on the ~~commuting~~ commutating unit 102-104 for keeping constant the relation stored in the memory 106 by shifting the commutation.